



PROJECT NUMBER

323666

BORING ID:

17C092

Sheet 1 of 2

# SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: West Side of Site 17

ELEVATION: 148.79

NORTHING: 2162299.38

EASTING: 6743728.14

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Truck Mounted Sonic Direct Push

WATER LEVELS: 8.4 ft. bgs

START: 6/26/2005 2:25:00 PM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)			STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:		COMMENTS:	
	INTERVAL (ft)	RECOVERY		SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.		
		TYPE-# <small>SS=Split Spoon ST=ShelbyTube</small>	6-6-6 (in) (N)				
0	0-4.5	3.0/ 4.0'			SM - SILTY SAND (SM), brown, dry, medium density, ~60% fine - sand, ~3% fines, ~3% gravel		
1					-		
2					-		
3					-		
4					-		
4.5-12		2.5/ 4.0'			GW - WELL GRADED GRAVEL WITH SAND (GW), brown, dry, loose, - subangular, meta-morphics, ~60% gravel up to 2" long, ~35% - fine to coarse sand, ~5% silty fines	No PID	
5					-		
6					-		
7					-		
8					-		
9		2.4/ 4.0'			GW - Saturated at 9 ft	14:50 Collect 17C092HP10 at 8-12 ft	
10					-		
11					-		
12	12-16	2.9/ 4.0'			SW - WELL GRADED SAND WITH GRAVEL (SW), brown, saturated, medium - to dense	Collect soil sample 17C092SB05 and 17C092SB20 at 5 and 20 ft	
13					-		
14					-		
15					-		
16	16-20	3.0/ 4.0'			SM - SILTY SAND WITH GRAVEL (SM), mottled brown, wet, dense, - sticky, ~35% fines, 50% sand, 15% gravel	15:20 Collect 17C092HP20. Water level = 18 ft	
17					-		
18					-		
19					-		
20	20-25.5	3.5/ 4.0'			GM - SILTY GRAVEL WITH SAND (GM), mottled gray and brown, wet, - dense, sticky, ~40% gravel, ~30% fines, ~30% sand		
21					-		
22					-		



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	INTERVAL (ft)				
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	TYPE-# <small>SS-Split Spoon ST-Shelby Tube</small>				
23 -				-	
24 -	0.5/ 1.5'			GM -	
25 -				-	
26 -				GM - Refusal at 25.5 ft bgs	
				-	
				-	